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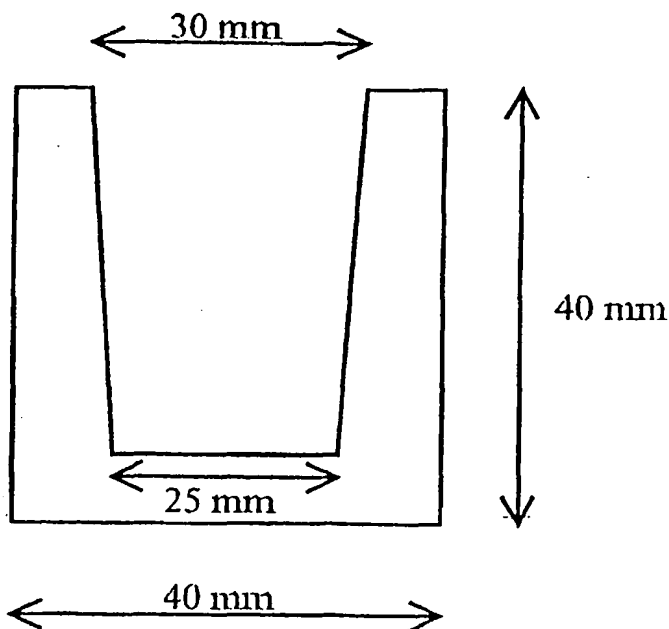
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(54) Title: MOULD PARTS OF SILICON NITRIDE AND METHOD FOR PRODUCING SUCH MOULD PARTS



(57) Abstract: The present invention relates to silicon nitride mould parts, particularly crucibles for use in connection with directional solidification and pulling of silicon single crystals. The mould parts consist of Si_3N_4 having a total open porosity between 40 and 60% by volume and where more than 50% of the pores in the surface of the mould parts have a size which is larger than the means size of the Si_3N_4 particles. The invention further relates to a method for producing the silicon nitride mould parts.

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